

PDR RID Report

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Document All of Day 1 + End of Day 2

RID ID PDR 352

Review SDPS

Originator Ref

Priority 1

Section

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Figure Table

Category Name Requirements

Actionee Project

Sub Category Project Requirements

(PGS-Kempler/SMO-Devito)

Subject Access to Meteorological Assimilation Analyses prior to AM-1 launch (level 4).

Description of Problem or Suggestion:

Assimilation Analyses, Level 4 data products, are required for successful scientific applications and quality assurance of TRMM data. Current TRMM plans depend on NMC, but the DAO will be producing standard operational products at TRMM launch. Access to either NMC or DAO products is not sufficiently clear. This is especially true for DAO products, which can be more precisely focused on TRMM requirements than the NMC products. Current DAO links to the GDAAC cannot meet these requirements. Likewise, DAO access to TRMM data for input is not well-defined.

Originator's Recommendation

- 1) Develop links to DAO operational system.
- 2) Determine where in the operational stream to extract appropriate data sets.
- 3) Develop data server capability for TRMM, as well as other flight projects and campaigns.
- 4) Use this as a version "0" system to evolve to release B capabilities.

GSFC Response by: S. Kempler

GSFC Response Date 6/19/95

CERES and LIS instruments have not requested the need for DAO data for TRMM launch. However, when the DAO data is requested, the PDPS scheduler allows PGEs to be set up so that they can access any primary and alternative datasets requested.

For Release A, network capacity will be provided to meet the TRMM CERES and LIS requirements, as well as AM-1 instrument Version 1 science software requirements. Although DOA is currently in operations mode, DAO is considered part of the EOS AM-1 launch ready production environment. Therefore, the full >>up network capacity will not be in place until Release B. DAO access to TRMM

data, accessed at a rate suitable for DAS testing, will be available through the GSFC DAAC, which will be connected to the LaRC and MSFC DAACs.

Network capacity between the GSFC DAAC and current DAO operational environment is dependent on decisions for when the Data Assimilation System (DAS) becomes co-located with the GSFC DAAC. These decisions will be made prior to CDR. Specific network sizing decisions will be made at the same time network sizing decisions are made for the AM-1 instruments. If the DAS remains physically separate from the GSFC DAAC, enough network capacity will be provided to support inter-DAAC data dependency testing.

HAIS Response by:

HAIS Schedule

HAIS R. E.

HAIS Response Date

Status Closed

Date Closed 7/6/95

Sponsor Marinelli

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***** Attachment if any *****
